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Title: Novel Chemokine Mimetics Synthesis and Their Use
Inventor: Tudan, et al.
Serial No. 10/086,177
Atty Dkt No. CHEMP001.US02

REPLACEMENT SHEET 1 OF 13

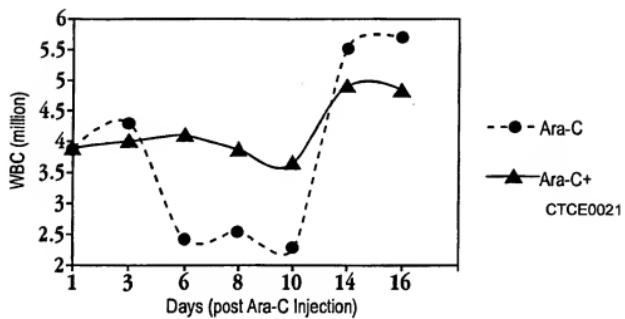


Fig. 1

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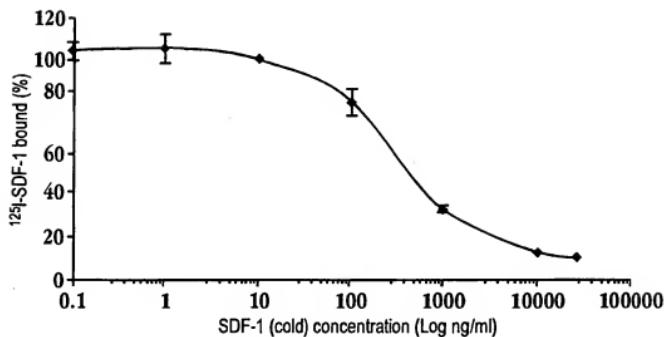


Fig. 2A

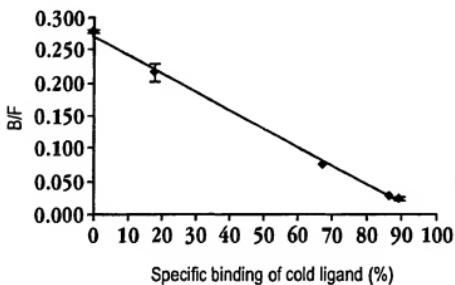


Fig. 2B

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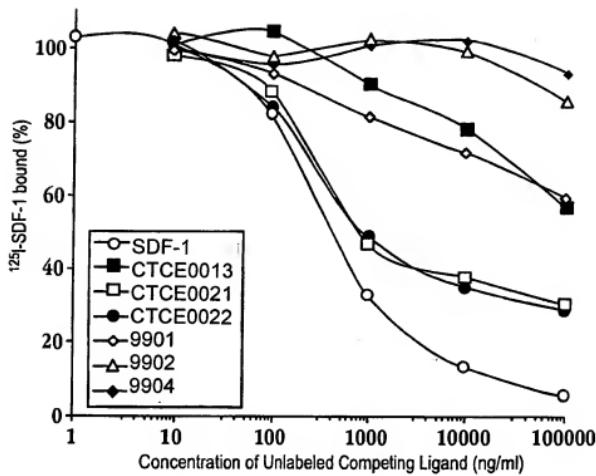


Fig. 2C

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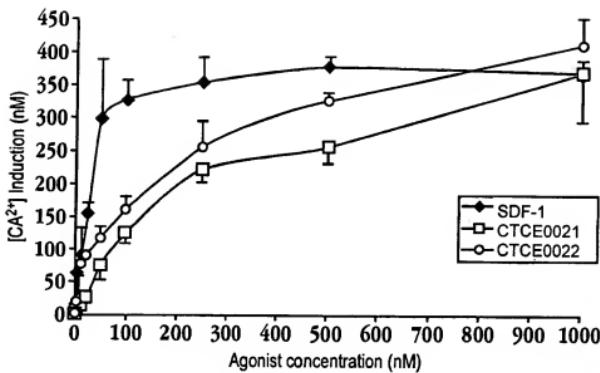


Fig. 3

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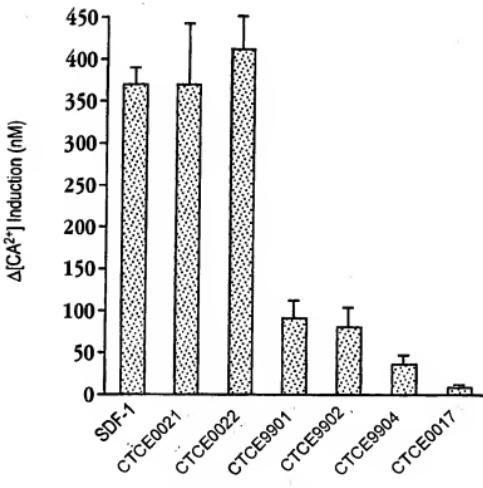


Fig. 4

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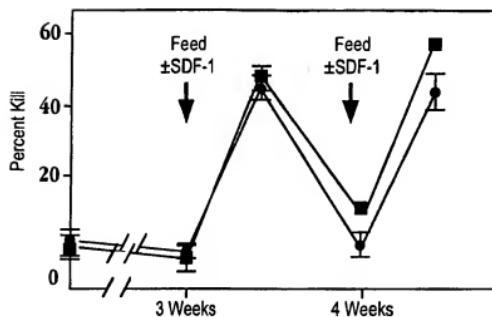


Fig. 5

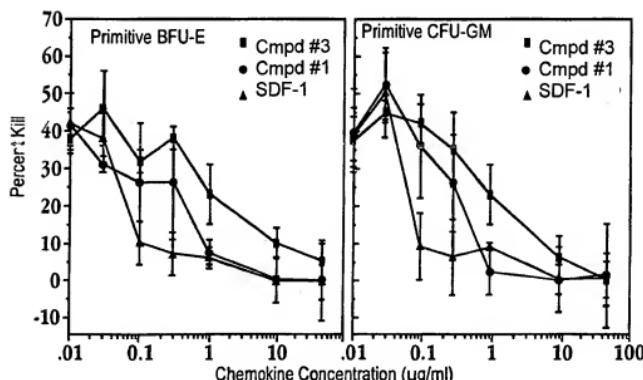


Fig. 6

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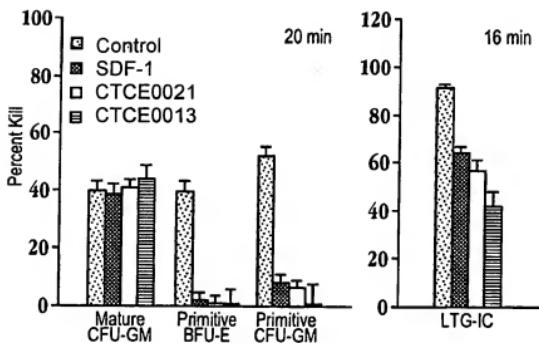


Fig. 7

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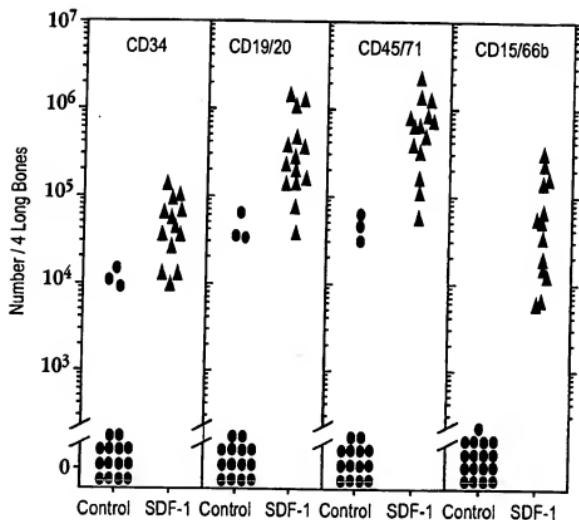


Fig. 8

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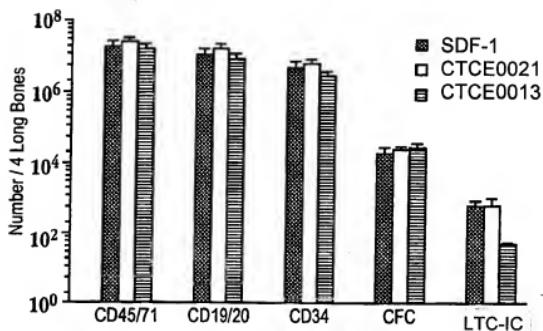


Fig. 9

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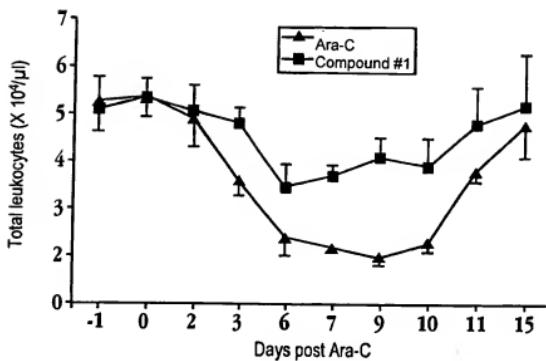


Fig. 10

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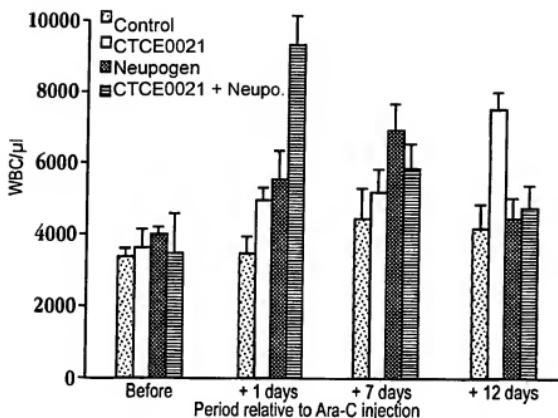


Fig. 11

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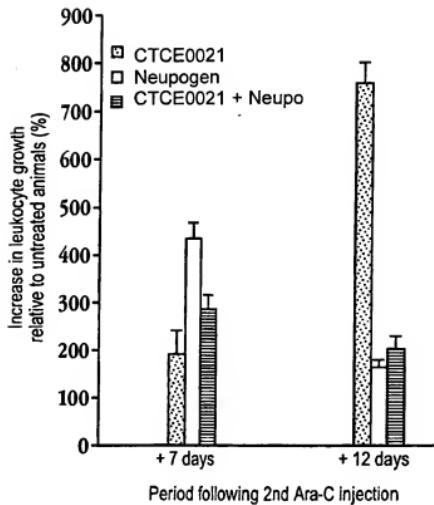


Fig. 12

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Seq. ID NO: 1 (SDF-1 α ; Human)

- a) LENGTH: 67 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and/or pegylated)

KPVSL SYRCP CRFFE SHVAR ANVKH LKILN TPNCA LQIVA RLKNN
1 6 11 16 21 26 31 36 41
NRQVC IDPKL KWIQE YLEKA LN
46 51 56 61 66

Seq. ID NO: 3 (SDF-1 Precursor, PBSF; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK
1 6 11 16 21 26 31 36 41
HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR
46 51 56 61 66 71 76 81 86

FKM
91

Seq. ID NO: 4 (SDF-1 β ; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK
1 6 11 16 21 26 31 36 41
ELKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR
46 51 56 61 66 71 76 81 86

FKM
91

Fig. 13